Project Title	Funding	Strategic Plan Objective	Institution
Detection of clostridium perfringens toxins in the gut flora of autistic children	$25,000	Q3.S.I	VA Medical Center, Los Angeles
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	$0	Q1.L.B	University of Southern California
Developing Scalable Measures of Behavior Change for ASD Treatments- Project 3	$70,914	Q1.L.C	University of Southern California
Altered placental tryptophan metabolism: A crucial molecular pathway for the fetal programming of neurodevelopmental disorders	$0	Q2.S.A	University of Southern California
The neurobiological basis of heterogeneous social and motor deficits in ASD	$464,220	Q2.Other	University of Southern California
Biology of Non-Coding RNAs Associated with Psychiatric Disorders	$416,433	Q2.Other	University of Southern California
Perinatal exposure to airborne pollutants and associations with autism phenotype	$0	Q3.S.C	University of Southern California
The impact of maternal inflammation during pregnancy on placental tryptophan metabolism, and the downstream consequences on fetal brain development	$0	Q3.S.F	University of Southern California
Prospective Evaluation of Air Pollution, Cognition, and Autism from Birth Onward	$6,676	Q3.S.H	University of Southern California
Gene by Environment Influences on Forebrain Development	$29,500	Q3.S.K	University of Southern California
HCC-Medium: Personalized socially-assistive human-robot interaction: Applications to autism spectrum disorder	$0	Q4.Other	University of Southern California
Partnership for Research and Dissemination of Evidence-Based Medicine in Autism	$0	Q5.L.A	University of Southern California
Sensory Adapted Dental Environments to Enhance Oral Care for Children	$632,761	Q5.L.E	University of Southern California
Undergraduate Research Award	$3,000	Q1.L.B	University of California, Santa Barbara
Using fMRI to understand the Neural Mechanisms of Pivotal Response Treatment	$0	Q2.L.B	University of California, Santa Barbara
A peer-facilitated, multi-component social skills intervention for adolescents with ASD	$9,759	Q4.L.D	University of California, Santa Barbara
The use of eye-tracking as an outcome measure for an innovative early social intervention for ASD	$50,064	Q4.Other	University of California, Santa Barbara
Development of a blood-based biomarker for autism	$124,993	Q1.L.A	University of California, San Francisco
Sexually dimorphic gene-expression and regulation to evaluate ASD sex bias	$125,000	Q2.S.B	University of California, San Francisco
Linking circuit dynamics and behavior in a rat model of autism	$0	Q2.S.D	University of California, San Francisco
Dissecting the 16p11.2 CNV endophenotype in induced pluripotent stem cells	$54,400	Q2.S.D	University of California, San Francisco
Simons Variation in Individuals Project (VIP) Functional Imaging Site	$385,668	Q2.S.G	University of California, San Francisco

Project Title	Funding	Strategic Plan Objective	Institution
A gene-driven systems approach to identifying autism pathology	$998,627	Q2.S.G	University of California, San Francisco
Role of Autism Susceptibility Gene, TAOK2 kinase, and its novel substrates in Synaptogenesis	$120,904	Q2.Other	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
Regulation of Interneuron Development in the Cortex and Basal Ganglia by Coup-TF2	$30,000	Q2.Other	University of California, San Francisco
Refining the Tourette Syndrome phenotype across diagnoses to aid gene discovery	$299,537	Q2.Other	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
Prefrontal corticothalamic circuits in autism	$178,646	Q2.Other	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
Variation in Neuroligin Concentration and Presynaptic Functional Development	$237,438	Q2.Other	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
4/4 The Autism Sequencing Consortium: Autism gene discovery in >20,000 exomes	$676,656	Q3.S.A	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
4/4 The Autism Sequencing Consortium: Autism gene discovery in the >20,000 exomes (supplement)	$919,964	Q3.S.A	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
The Roles of Environmental Risks and GEX in Increasing ASD Prevalence	$450,208	Q3.L.D	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
The Roles of Environmental Risks and GEX in Increasing ASD Prevalence	$523,986	Q3.L.D	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
Investigating Wnt signaling variants in mouse models of ASD	$0	Q4.S.B	University of California, San Francisco
Investigations of a Proposed Molecular Feedback Loop in Cortical Neurons in Psychiatric Pathogenesis	$25,000	Q4.S.B	University of California, San Francisco
Testing brain overgrowth and synaptic models of autism using NPCs and neurons from patient-derived iPS cells	$0	Q4.S.B	University of California, San Francisco
Microcircuit endophenotypes for autism	$62,500	Q4.S.B	University of California, San Francisco
In vivo approach to screen ASD allele functions in cortical interneurons	$125,000	Q4.S.B	University of California, San Francisco
The Role of Cation/Proton Exchanger NHE9 in Autism	$125,000	Q4.S.B	University of California, San Francisco
Utilization of the Navigation Guide to Understand Environmental Exposures and Risk of ASD	$50,908	Q7.O	University of California, San Francisco
Early Identification of ASD: Translating Eye Tracking into Practice	$373,818	Q1.S.B	University of California, San Diego
DETECTION OF ASD AT THE 1ST BIRTHDAY AS STANDARD OF CARE: THE GET SET EARLY MODEL	$1,107,043	Q1.S.D	University of California, San Diego
GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI	$0	Q1.L.B	University of California, San Diego
A computational framework for predicting the impact of mutations in autism	$431,352	Q2.S.G	University of California, San Diego
Atypical architecture of prefrontal cortex in young children with autism	$0	Q2.Other	University of California, San Diego

Project Title	Funding	Strategic Plan Objective	Institution
Neural basis of cross-modal influences on perception	$0	Q2.Other	University of California, San Diego
Identification of genetic pathways that regulate neuronal circuits in C. elegans	$54,194	Q2.Other	University of California, San Diego
High content assays for cellular and synaptic phenotypes	$462,191	Q2.Other	University of California, San Diego
Protein network of high risk copy number variants for psychiatric disorders	$193,750	Q2.Other	University of California, San Diego
Genomics Core	$142,154	Q2.Other	University of California, San Diego
Single-cell approaches to deconvolution of disease-associated signals	$817,969	Q2.Other	University of California, San Diego
Reproducible protocols for robust cortical neuron and astroglial differentiation	$500,132	Q2.Other	University of California, San Diego
The Interplay Between Human Astrocytes and Neurons in Psychiatric Disorders	$25,000	Q2.Other	University of California, San Diego
Signaling Pathways that Regulate Excitatory-inhibitory Balance	$30,000	Q2.Other	University of California, San Diego
Uncovering the Spectrum of De Novo Mutation in Autism through Whole Genome Sequencing	$35,000	Q3.S.A	University of California, San Diego
The Role of Germline Mutation and Parental Age in Autism Spectrum Disorders	$155,989	Q3.S.C	University of California, San Diego
The Role of Germline Mutation and Parental Age in Autism Spectrum Disorders	$1,096,329	Q3.S.C	University of California, San Diego
Mutations in noncoding DNA and the missing heritability of autism	$244,030	Q3.L.B	University of California, San Diego
Scalable technologies for genome engineering in hIPSCs	$341,000	Q4.S.B	University of California, San Diego
Clinical Trial of Suramin to Treat Autism	$100,000	Q4.L.A	University of California, San Diego
Adapting an Evidence-Based Program for Infants and Toddlers at High Risk for Autism	$410,911	Q4.L.D	University of California, San Diego
Wireless EEG System for Training Attention and Eye Movement in ASD	$256,065	Q4.Other	University of California, San Diego
Effectiveness and Implementation of a Mental Health Intervention for ASD	$746,838	Q5.L.A	University of California, San Diego
Optimization of Fidelity Procedures for Pivotal Response Training in Autism	$292,970	Q5.L.A	University of California, San Diego
Administrative Core	$543,171	Q7.Other	University of California, San Diego
Successful transition in the early school years for children with autism	$0	Q5.Other	University of California, Riverside
Neural assays and longitudinal assessment of infants at very high risk for ASD	$185,656	Q1.L.A	University of California, Los Angeles

Project Title	Funding	Strategic Plan Objective	Institution
Predicting the Decline of Social Attention in Infants at Risk for Autism	$176,818	Q1.L.A	University of California, Los Angeles
Neural Predictors of Language Function After Intervention in Children with Autism	$181,319	Q1.L.B	University of California, Los Angeles
3/5-The Autism Biomarkers Consortium for Clinical Trials	$709,293	Q1.L.B	University of California, Los Angeles
EEG biomarkers of language and literacy abilities in minimally verbal children with ASD	$54,400	Q1.L.B	University of California, Los Angeles
Intra-Prenatal Origins of Neurometabolic Consequences	$319,550	Q2.S.A	University of California, Los Angeles
Neuroimaging signatures of autism: Linking brain function to genes and behavior	$190,558	Q2.S.G	University of California, Los Angeles
Genetic and genomic analyses to connect genes to brain to cognition in ASD	$253,652	Q2.S.G	University of California, Los Angeles
Identification and validation of genetic variants which cause the Autism Macrocephaly subphenotype	$29,500	Q2.S.G	University of California, Los Angeles
Modeling multiple heterozygous genetic lesions in autism using Drosophila melanogaster	$101,373	Q2.Other	University of California, Los Angeles
A functional genomic analysis of the cerebral cortex	$0	Q2.Other	University of California, Los Angeles
Transcriptional Regulators in Normal Human Brain Development and Autism	$21,100	Q2.Other	University of California, Los Angeles
Abnormal connectivity in autism	$0	Q2.Other	University of California, Los Angeles
Optogenetic treatment of social behavior in autism	$385,000	Q2.Other	University of California, Los Angeles
Optogenetic treatment of social behavior in autism	$60,236	Q2.Other	University of California, Los Angeles
A Role for Cytoplasmic Rbfox1/A2BP1 in Autism	$30,000	Q2.Other	University of California, Los Angeles
TSC/mTOR Signaling in Adult Hippocampal Neurogenesis: Impact on Treatment and Behavioral Models of Autism Spectrum Disorders in Mice	$7,769	Q2.Other	University of California, Los Angeles
Rapid Phenotyping for Rare Variant Discovery in Autism	$453,878	Q3.S.A	University of California, Los Angeles
Dosage effects of 22q11 region on autism-relevant neural systems	$0	Q3.S.A	University of California, Los Angeles
Autism Genetics, Phase II: Increasing Representation of Human Diversity	$2,715,972	Q3.S.D	University of California, Los Angeles
Pesticide Exposure and Childhood Autism	$222,763	Q3.S.F	University of California, Los Angeles
Maternal Diabetes during Pregnancy and Neurodevelopment in the Offspring	$145,987	Q3.S.H	University of California, Los Angeles
Air Pollution and Autism in Denmark	$195,216	Q3.S.H	University of California, Los Angeles
Autism Metabolomics and Environment (AIME)	$244,232	Q3.S.H	University of California, Los Angeles
Childhood Autism and Air Pollution - A Statewide Study	$206,175	Q3.S.H	University of California, Los Angeles
Epigenetic and Transcriptional Dysregulation in Autism Spectrum Disorder	$164,472	Q3.S.J	University of California, Los Angeles

Project Title	Funding	Strategic Plan Objective	Institution
Simons Simplex Collection support grant	$13,200	Q3.L.B	University of California, Los Angeles
1/3 Treatment of Anxiety in Autism Spectrum Disorder	$218,092	Q4.S.A	University of California, Los Angeles
Formation and Function of Circuitry for Vocal Learning	$361,456	Q4.S.B	University of California, Los Angeles
Role of Caspr2 (CNTNAP2) in brain circuits - Project 2	$0	Q4.S.B	University of California, Los Angeles
Exploring VIPR2 microduplication linkages to autism in a mouse model	$42,000	Q4.S.B	University of California, Los Angeles
Linking cortical circuit dysfunction and abnormal behavior in genetic mouse models of autism	$268,210	Q4.S.B	University of California, Los Angeles
Autism Intervention Research Network on Behavioral Health (AIR-B network)	$1,999,997	Q4.S.D	University of California, Los Angeles
Adaptive Interventions for Minimally Verbal Children with ASD in the Community	$2,553,473	Q4.S.G	University of California, Los Angeles
Augmenting language interventions for ASD: A translational approach	$280,788	Q4.L.A	University of California, Los Angeles
Targeting joint engagement in infants at risk for ASD: Integrating treatment wit	$281,397	Q4.L.B	University of California, Los Angeles
Cognitive behavioral therapy for core autism symptoms in school-age children	$0	Q4.L.D	University of California, Los Angeles
Getting SMART about Social and Academic Engagement of Elementary aged students with Autism Spectrum Disorder	$199,993	Q4.L.D	University of California, Los Angeles
Deployment focused model of JASPER for preschoolers with autism spectrum disorders	$0	Q4.L.D	University of California, Los Angeles
Effectiveness of a virtual coach application in social skills training for teens with ASD	$0	Q4.L.D	University of California, Los Angeles
Treatment of Autism Symptoms in Children (TASC): Initial RCT with Active Control	$385,000	Q4.Other	University of California, Los Angeles
ASD Advocacy to Action: Planned Partnership of Under-Resourced Families in South Los Angeles	$85,339	Q5.L.A	University of California, Los Angeles
MCH Health Care Transitions Research Network (HCT-RN) for Youth and Young Adults with Autism Spectrum Disorders (ASD)	$300,000	Q6.Other	University of California, Los Angeles
Research education and training	$232,137	Q7.K	University of California, Los Angeles
Neuroimaging/Neurophysiology	$193,070	Q7.Other	University of California, Los Angeles
Administrative Core	$210,704	Q7.Other	University of California, Los Angeles
A multidimensional database for the Simons Simplex Collection	$0	Q7.Other	University of California, Los Angeles
Diagnostic and recruitment	$236,921	Q7.Other	University of California, Los Angeles
BDNF and the Restoration of Synaptic Plasticity in Fragile X and Autism	$455,630	Q2.S.D	University of California, Irvine

Project Title	Funding	Strategic Plan Objective	Institution
Cortactin and Spine Dysfunction in Fragile X	$33,763	Q2.S.D	University of California, Irvine
Dual modulators of GABA-A and Alpha7 nicotinic receptors for treating autism	$0	Q2.Other	University of California, Irvine
Endocannabanoid Enhancement of Sociability in Autism-related Mouse Models	$0	Q4.S.B	University of California, Irvine
Physical Exercise to Reduce Anxiety in Underserved Children with ASD	$40,374	Q4.S.H	University of California, Irvine
Improving Participation in Dental Care and Oral Health Outcomes for Underserved Children with ASD	$428,773	Q5.L.E	University of California, Irvine
The Center for Autism & Developmental Disorders	$69,340	Q7.N	University of California, Irvine
Development of a Prospective Video-Based Measure to Identify ASD Risk in Infancy	$465,547	Q1.S.B	University of California, Davis
Development of a Prospective Parent Report Measure to Identify ASD Risk in Infancy	$150,000	Q1.S.B	University of California, Davis
Neurobehavioral Analysis Core	$126,038	Q1.S.B	University of California, Davis
Epigenetic biomarkers of autism in human placenta	$0	Q1.L.A	University of California, Davis
DETECTING THE TRANSFER OF MATERNAL ANTIBODIES INTO THE FETAL RHESUS MONKEY BRAIN	$233,500	Q2.S.A	University of California, Davis
Project 3: Immune Environment Interaction and Neurodevelopment	$107,931	Q2.S.A	University of California, Davis
Immune signaling in the developing brain in mouse models of ASD	$200,000	Q2.S.A	University of California, Davis
Neural Phenotypes of Females with Autism Spectrum Disorder	$173,011	Q2.S.B	University of California, Davis
Neural Phenotypes of Females with Autism Spectrum Disorder	$675,236	Q2.S.B	University of California, Davis
Language Development in Fragile X Syndrome	$495,501	Q2.S.D	University of California, Davis
Genotype-Phenotype Relationships in Fragile X Families	$633,789	Q2.S.D	University of California, Davis
Mechanisms underlying word learning in fragile X syndrome and nonsyndromic ASD	$156,333	Q2.S.D	University of California, Davis
THE ROLE OF MECP2 IN RETT SYNDROME	$356,699	Q2.S.D	University of California, Davis
Shared and Distinct Developmental Pathways to ADHD and Autism Spectrum Disorder	$82,062	Q2.S.E	University of California, Davis
Neurophenotypic Trajectories and Behavioral Outcomes in Autism Spectrum Disorder	$770,599	Q2.L.A	University of California, Davis
Predictors of Cognitive Development in Autism Spectrum Disorder	$504,641	Q2.L.A	University of California, Davis
Cell-specific molecular mechanisms underlying brain pathology in ASD	$274,021	Q2.Other	University of California, Davis

Project Title	Funding	Strategic Plan Objective	Institution
Typical and Pathological Cellular Development of the Human Amygdala	$385,000	Q2.Other	University of California, Davis
Axonal Ultrastructure of Temporal White Matter in Autism	$78,250	Q2.Other	University of California, Davis
CHARACTERIZATION OF OXYTOCIN RECEPTORS IN AUTISM SPECTRUM DISORDER	$220,839	Q2.Other	University of California, Davis
Project 4: Calcium Signaling Defects in Autism (Pessah/Lein)	$107,518	Q2.Other	University of California, Davis
Cellular Density and Morphology in the Autistic Temporal Human Cerebral Cortex	$365,795	Q2.Other	University of California, Davis
a-Actinin Regulates Postsynaptic AMPAR Targeting by Anchoring PSD-95	$15,000	Q2.Other	University of California, Davis
Alterations of the human brain structural connectome in preschool aged children with ASD	$30,000	Q2.Other	University of California, Davis
THE CHARGE STUDY: CHILDHOOD AUTISM RISKS FROM GENETICS AND THE ENVIRONMENT	$56,116	Q3.S.C	University of California, Davis
THE CHARGE STUDY: CHILDHOOD AUTISM RISKS FROM GENETICS AND THE ENVIRONMENT	$82,158	Q3.S.C	University of California, Davis
THE CHARGE STUDY: CHILDHOOD AUTISM RISKS FROM GENETICS AND THE ENVIRONMENT	$1,106,052	Q3.S.C	University of California, Davis
Autism Risk, Prenatal Environmental Exposures, and Pathophysiologic Markers	$1,798,242	Q3.S.C	University of California, Davis
Prenatal Exposure to Phthalates in a High-Risk ASD Pregnancy Cohort	$313,000	Q3.S.F	University of California, Davis
Project 2: Perinatal Epigenetic Signature of Environmental Exposure	$103,803	Q3.S.J	University of California, Davis
Methylomic and genomic impacts of organic pollutants in Dup15q syndrome	$407,053	Q3.S.J	University of California, Davis
Functional Outcomes of Interactions between an ASD-Relevant Gene and Air Pollution	$195,625	Q3.S.K	University of California, Davis
PCBs interact with mTOR signaling to disrupt neuronal connectivity in zebrafish	$56,042	Q3.S.K	University of California, Davis
Folic Acid Prevention Pathways for ASD in High Risk Families	$637,260	Q3.L.A	University of California, Davis
Project 1: Epidemiology and the Environment in Autism (Hertz-Picciotto)	$144,203	Q3.L.D	University of California, Davis
The UC Davis Center for Children's Environmental Health and Disease Prevention	$343,850	Q3.L.D	University of California, Davis
Targeting Environment and Neuro-Developmental Risks-2nd Workshop	$20,000	Q3.Other	University of California, Davis
Dissemination of Early Life Exposure Assessment Tool (ELEAT)	$58,478	Q3.Other	University of California, Davis

Project Title	Funding	Strategic Plan Objective	Institution
Pre-clinical evaluation of oxytocin for ASD treatment discovery	$244,898	Q4.S.B	University of California, Davis
16p11.2 deletion mice: autism-relevant phenotypes and treatment discovery	$0	Q4.S.B	University of California, Davis
Characterization of brain and behavior in 7q11.23 duplication syndrome-Project 1	$103,684	Q4.S.B	University of California, Davis
Preclinical Autism Consortium for Therapeutics (PACT)	$0	Q4.S.B	University of California, Davis
Effects of Chronic Intranasal Oxytocin	$1,105,938	Q4.S.B	University of California, Davis
Intervention effects of intensity and delivery style for toddlers with ASD	$2,594,565	Q4.S.D	University of California, Davis
Strengthening the effects of parent-implemented early intervention to improve symptoms of ASD	$254,491	Q4.S.D	University of California, Davis
Identifying markers for treatment response to cognitive training in autism spectrum disorders	$0	Q4.S.F	University of California, Davis
A Controlled Trial of Sertraline in Young Children with ASD	$300,000	Q4.L.A	University of California, Davis
Virtual reality applications for the study of attention and learning in children with autism and ADHD	$399,277	Q4.L.D	University of California, Davis
Training Community Providers to Implement an Evidence-Based Early Intervention Program	$0	Q4.Other	University of California, Davis
Biological Analysis Core	$121,537	Q7.J	University of California, Davis
Interdisciplinary Training for Autism Researchers	$219,574	Q7.K	University of California, Davis
PACT Infrastructure Contract	$82,500	Q7.P	University of California, Davis
A Centralized Standard Database for the Baby Siblings Research Consortium	$25,000	Q7.O	University of California, Davis
Administrative Core/Leadership	$90,133	Q7.Other	University of California, Davis
Facility Core: Analytical and Environmental Chemistry	$110,969	Q7.Other	University of California, Davis
Rapid screening for cortical circuit dysfunction in autism-related mouse models	$0	Q2.S.D	University of California, Berkeley
Inhibitory mechanisms for sensory map plasticity in cerebral cortex.	$326,282	Q2.Other	University of California, Berkeley
How do autism-related mutations affect basal ganglia function?	$125,000	Q4.S.B	University of California, Berkeley
Leading Excellence for Academic Positions in Special Education (LEAPS)	$249,930	Q7.K	The Regents Of The University Of California -- Graduate School Of Education - Graduate School Of Education
Expressive Language Sampling as an Outcome Measure in ASD	$124,985	Q1.L.C	The Regents of the University of California (Davis)
BAZ1B Haploinsufficiency and the Neuro-phenotypes of Williams Syndrome	$59,000	Q2.S.D	The Regents of the University of California, Santa Barbara

Project Title	Funding	Strategic Plan Objective	Institution
Brain Imaging and Cell Signaling: Insights into the Biology of Autism	$124,999	Q1.L.B	The Regents of the University of California, San Francisco (Contracts & Grants)
Delineating the role of Ras/MAPK signaling in 16p11.2 phenotypes	$125,000	Q2.Other	The Regents of the University of California, San Francisco (Contracts & Grants)
Extending ASD risk locus discovery to the non-coding genome - Core	$0	Q3.L.B	The Regents of the University of California, San Francisco (Contracts & Grants)
Validation of candidate ASD genes by targeted sequencing with molecular inversion probes	$101,258	Q3.L.B	The Regents of the University of California, San Francisco (Contracts & Grants)
Exploring the Intersection of Autism and Homeostatic Synaptic Plasticity	$60,000	Q3.Other	The Regents of the University of California, San Francisco (Contracts & Grants)
Electrophysiological consequences of SCN2A mutations found in ASD	$60,000	Q4.S.B	The Regents of the University of California, San Francisco (Contracts & Grants)
Illuminating the role of glia in a zebrafish model of Rett syndrome	$62,500	Q2.S.D	The Regents of the University of California, San Diego
Translational dysregulation of the RhoA pathway in autism	$125,605	Q2.Other	The Regents of the University of California, San Diego
Parameterizing Neural Habituation in ASD with Sensory Overresponsivity	$62,479	Q2.Other	The Regents of the University of California, Los Angeles
SFARI Undergraduate Summer Research Program	$25,000	Q7.K	The Regents of the University of California, Los Angeles
An investigation of inductive learning in autism	$59,770	Q2.Other	The Regents of the University of California, Berkeley
Comparison of cortical circuit dysfunction in ASD model mice	$62,500	Q4.S.B	The Regents of the University of California, Berkeley
Adapting an Evidence-Based Practice for Children At-Risk for Autism for Diverse Early Intervention Service Systems	$984,440	Q4.L.D	The Regents of the University of California
Neurobiology of Rai1, a critical gene for syndromic ASDs	$87,500	Q2.S.D	The Board of Trustees of the Leland Stanford Junior University (Stanford)
A functional near-infrared spectroscopy study of first signs of autism	$61,232	Q1.L.A	Stanford University
Synergy between genetic risk and placental vulnerability to immune events	$250,874	Q2.S.A	Stanford University
GABRB3 and Placental Vulnerability in ASD	$581,537	Q2.S.A	STANFORD UNIVERSITY
Behavioral, Cognitive, and Neural Signatures of Autism in Girls: Towards Big Data Science in Psychiatry	$30,000	Q2.S.B	Stanford University
Longitudinal MRI Study of Brain Development in Fragile X	$769,619	Q2.S.D	STANFORD UNIVERSITY
Effects of Social Gaze Training on Brain and Behavior in Fragile X Syndrome	$352,066	Q2.S.D	STANFORD UNIVERSITY
Investigating the role of Tsc1 in neocortical circuit assembly	$52,406	Q2.S.D	STANFORD UNIVERSITY
Sleep Disordered Breathing, Microparticles and Proinflammation in ASD	$60,000	Q2.S.E	Stanford University

Project Title	Funding	Strategic Plan Objective	Institution
Decoding Affective Prosody and Communication Circuits in Autism	$281,028	Q2.L.B	Stanford University
Imaging-based real-time feedback to enhance therapeutic intervention in ASD	$0	Q2.L.B	Stanford University
Social Motivations and Striatal Circuit Development in Children and Adolescents with Autism	$0	Q2.L.B	Stanford University
FUNCTION OF NEUREXINS	$716,276	Q2.Other	STANFORD UNIVERSITY
CLARITY: circuit-dynamics and connectivity of autism-related behavior	$246,539	Q2.Other	Stanford University
Quantitative Measurements of Cortical Excitability in Neurodevelopmental Disorder	$237,250	Q2.Other	STANFORD UNIVERSITY
Mathematical Cognition in Autism: A Cognitive and Systems Neuroscience Approach	$605,511	Q2.Other	STANFORD UNIVERSITY
Interrogating Synaptic Transmission in Human Neurons	$30,000	Q2.Other	Stanford University
Induced neuronal cells: A novel tool to study neuropsychiatric diseases	$680,862	Q2.Other	STANFORD UNIVERSITY
Brain Systems Underlying Episodic Memory for Social Stimuli in Childhood Autism	$126,252	Q2.Other	STANFORD UNIVERSITY
Gaining insight into psychiatric disease by engineering piece by piece the human brain in vitro.	$496,813	Q2.Other	STANFORD UNIVERSITY
Role of Neurexin in Synapse Formation and Maintenance	$59,966	Q2.Other	STANFORD UNIVERSITY
Investigating role of neurexin-1 mutation in autism using human induced neurons	$56,042	Q2.Other	STANFORD UNIVERSITY
Brain Systems Supporting Learning and Memory in Children with Autism	$170,779	Q2.Other	STANFORD UNIVERSITY
PHENOTYPING ASTROCYTES IN HUMAN NEURODEVELOPMENTAL DISORDERS	$386,607	Q2.Other	STANFORD UNIVERSITY
Decoding Neural Systems Underlying Affective Prosody in Children with Autism	$175,960	Q2.Other	STANFORD UNIVERSITY
Epigenetic regulation of social impairments and treatment response in autism	$240,750	Q3.S.J	STANFORD UNIVERSITY
Undergraduate Research Award	$3,000	Q3.S.K	Stanford University
Neuroligin function in the prefrontal cortex and autism pathogenesis	$250,000	Q4.S.B	Stanford University
Detecting and Treating Social Impairments in a Monkey Model	$146,468	Q4.S.B	Stanford University
Biomarker discovery for low sociability: A monkey model	$62,500	Q4.S.B	Stanford University
Neural mechanisms of social reward in mouse models of autism	$249,994	Q4.S.B	Stanford University
Chromatin remodeling in autism	$250,000	Q4.S.B	Stanford University

Project Title	Funding	Strategic Plan Objective	Institution
Pivotal Response Treatment Package for Young Children with Autism	$198,618	Q4.S.C	STANFORD UNIVERSITY
Randomized controlled trial of oxytocin treatment for social deficits in children with autism	$0	Q4.L.A	Stanford University
Randomized Controlled Pilot Trial of Pregnenolone in Autism	$0	Q4.L.A	Stanford University
Factors associated with positive outcomes for children and youth with autism: Secondary analysis of data from SEELS and NLTS2	$0	Q4.L.D	SRI International
Predictors of success in postsecondary STEM education and employment for students with autism	$0	Q6.S.A	SRI International
Building a Unified Research Agenda for K-12 Online Learning Environments to Improve STEM Outcomes for Students with Learning Disabilities and Students with Autism Spectrum Disorder	$0	Q7.Other	SRI International
Behavioral evaluation of a novel autism mouse model	$0	Q4.S.B	Shriners Hospitals for Children - Northern California
Role of pre-natal Vitamin D and gene interactions in Autism Spectrum Disorders; leveraging an existing case-control study	$322,090	Q3.S.C	SEQUOIA FOUNDATION
Implementing an emergent literacy program for students with intellectual disabilities and autism in general education classrooms	$777,147	Q4.S.D	San Francisco State University
Project Common Ground: Preparing highly qualified speech-language pathologists to meet the communication needs of children with autism spectrum disorder in diverse settings	$249,661	Q5.L.C	San Francisco State University
Heparan sulfate in neurophysiology and neurological disorders	$449,744	Q2.Other	SANFORD-BURNHAM MEDICAL RESEARCH INSTIT
Novel Proteomics Approach to Oxidative Posttranslational Modifications Underlying Anxiety and Autism Spectrum Disorders	$32,930	Q3.S.E	SANFORD-BURNHAM MEDICAL RESEARCH INSTIT
Multimodal Imaging of Early Neural Signature in Autism Spectrum Disorder	$392,186	Q2.L.A	SAN DIEGO STATE UNIVERSITY
The Autistic Brain Over 45: The Anatomic, Functional, and Cognitive Phenotype	$771,520	Q2.L.A	SAN DIEGO STATE UNIVERSITY
Undergraduate Research Award	$0	Q2.L.B	SAN DIEGO STATE UNIVERSITY
Multimodal Imaging of Social Brain Networks in ASD	$149,499	Q2.Other	SAN DIEGO STATE UNIVERSITY
Integrity and Dynamic Processing Efficiency of Networks in ASD	$641,036	Q2.Other	SAN DIEGO STATE UNIVERSITY
FMRI and EEG approaches to the resting state in ASD	$190,411	Q2.Other	SAN DIEGO STATE UNIVERSITY
Developing the Autism Model of Implementation for ASD Community Providers	$185,332	Q5.L.A	SAN DIEGO STATE UNIVERSITY

Project Title	Funding	Strategic Plan Objective	Institution
Personnel development to improve services and results for children with disabilities	$0	Q5.L.C	SAN DIEGO STATE UNIVERSITY
Transdisciplinary approaches to autism spectrum disorders	$0	Q5.Other	SAN DIEGO STATE UNIVERSITY
Project Surfboard: Sustaining Practicies by Specialists on Autism Spectrum Disorder	$249,999	Q5.Other	SAN DIEGO STATE UNIVERSITY
Dissecting neural mechanisms integrating multiple inputs in C. elegans	$485,000	Q2.Other	SALK INSTITUTE FOR BIOLOGICAL STUDIES
Environmental contribution to neuronal-methylome dynamics in animal models of autism spectrum disorders	$685,424	Q3.S.J	SALK INSTITUTE FOR BIOLOGICAL STUDIES
Testing brain overgrowth and synaptic models of autism using NPCs and neurons from patient-derived iPS cells	$0	Q4.S.B	Salk Institute for Biological Studies
EAPSI: Design of augmentative and alternative communication devices for Japanese children with Autism Spectrum Disorder	$0	Q5.L.A	Ringland Kathryn E
Examining the efficacy of classroom pivotal response teaching in classroom environments	$570,210	Q4.S.D	Rady Children's Hospital Health Center
Supported Employment, Cognitive Enhancement, Social Skills Program for ASD Adult	$261,772	Q6.L.A	Rady Children's Hospital Health Center
Grandparental Exposures and Risk of Autism in the Third Generation	$375,781	Q3.L.D	Public Health Institute, Oakland, CA
Assessing the Cognitive Deficits Associated with 16p11.2 Deletion Syndrome	$0	Q2.S.G	Posit Science Corporation
Air pollution, MET genotype and ASD risk: GxE Interaction in the EMA Study	$0	Q3.S.C	Kaiser Permanente
Transitioning Pediatric Patients with ASD to Adult Care	$0	Q6.S.A	Kaiser Permanente
ASD Family Biobank Program	$0	Q3.L.B	Kaiser Foundation Research Institute
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - California	$900,000	Q3.L.D	Kaiser Foundation Research Institute
SBIR Phase I: Say What I Feel	$149,964	Q4.S.G	iTherapy LLC
Illumina, Inc.	$0	Q3.L.B	Illumina, Inc.
2014 GRC Molecular and Cellular Neurobiology Conference	$0	Q7.K	Gordon Research Conferences
ADAPTING ELECTRONIC MEDICAL RECORD TO MEASURE MEDICAL OUTCOMES IN ASD POPULATIONS	$0	Q7.Other	CHILDREN'S HOSPITAL RESEARCH CENTER
Mechanisms of Autonomic Brainstem Development	$202,500	Q2.Other	CHILDREN'S HOSPITAL OF LOS ANGELES
Function and Structure Adaptations in Forebrain Development	$678,394	Q2.Other	CHILDREN'S HOSPITAL OF LOS ANGELES
Explore the pathogenic role of mTor signaling in chr16p11.2 microdeletion	$60,000	Q2.Other	CHILDREN'S HOSPITAL OF LOS ANGELES

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Discovery and Functional Characterization of Gene Regulatory Networks (GRNs) of Autism Risk Genes	$59,900	Q3.Other	CHILDREN'S HOSPITAL OF LOS ANGELES
Response Heterogeneity to GI Treatment, Autism Symptom and Improved Oxidative Stress	$0	Q4.L.C	CHILDREN'S HOSPITAL OF LOS ANGELES
Exploration of the relationship between race/ethnicity and behavioral co-morbidities and medication treatment in children with autism spectrum disorder	$16,569	Q4.Other	CHILDREN'S HOSPITAL OF LOS ANGELES
ATN 2014 - Children's Hospital Los Angeles	$101,502	Q7.N	CHILDREN'S HOSPITAL OF LOS ANGELES
Training & research for autism & collaboration in kinesiology	$250,000	Q5.Other	Chico Research Foundation
An exploration of genetic and behavioral variables in Autism Spectrum Disorder	$18,200	Q3.S.A	Center for Autism and Related Disorders (CARD)
Using eLearning to train educational staff to implement paired-choice preference assessments	$12,000	Q4.S.C	Center for Autism and Related Disorders (CARD)
A Comparative Analysis of Home Versus Center-Based Treatment for Autism Spectrum Disorder	$34,200	Q4.L.D	Center for Autism and Related Disorders (CARD)
Improving Cost Effectiveness Through Parent Training	$0	Q4.L.D	Center for Autism and Related Disorders (CARD)
Evaluation of group-based implementation of applied behavior analysis	$0	Q4.L.D	Center for Autism and Related Disorders (CARD)
An Evaluation of a Mobile Application Designed to Teach Receptive Language Skills to Children with Autism Spectrum Disorder	$56,700	Q4.Other	Center for Autism and Related Disorders (CARD)
An Evaluation of the Impact of Supervision Intensity, Supervisor Qualifications, and Caseload on Outcomes in the Treatment of Autism Spectrum Disorder	$57,000	Q4.Other	Center for Autism and Related Disorders (CARD)
Intensity and Learning Outcomes in the Treatment of Children with Autism Spectrum Disorder	$90,860	Q4.Other	Center for Autism and Related Disorders (CARD)
evaluation of effects of intensity and duration on outcomes across treatment domains for children with autism spectrum disorder	$45,100	Q4.Other	Center for Autism and Related Disorders (CARD)
The mechanism of the maternal infection risk factor for autism	$0	Q2.S.A	California Institute of Technology
Direct Recordings from the Brain in Autism	$60,000	Q2.S.E	California Institute of Technology
Direct recording from autism brains	$0	Q2.S.E	California Institute of Technology
Investigating Autism with Direct Intracranial Recordings	$35,000	Q2.S.E	California Institute of Technology
Investigating the Gut Microbiome for Novel Therapies and Diagnostics for Autism	$558,136	Q3.S.I	CALIFORNIA INSTITUTE OF TECHNOLOGY
Determining a potential causal link between the human microbiome and autism symptoms	$59,700	Q3.S.K	California Institute of Technology
Molecular genetic dissection of amygdala microcircuitry controlling decision-making	$416,875	Q3.S.K	CALIFORNIA INSTITUTE OF TECHNOLOGY
Analysis of autism-associated alleles in C. elegans	$108,061	Q4.S.B	California Institute of Technology

Project Title	Funding	Strategic Plan Objective	Institution
A probiotic therapy for autism	$250,000	Q4.Other	California Institute of Technology
SFARI Undergraduate Summer Research Program	$24,000	Q7.K	California Institute of Technology
2/4-The Autism Sequencing Consortium: Autism gene discovery in >20,000 exomes	$415,893	Q3.S.A	BROAD INSTITUTE, INC.
An evaluation of a behaviorally based social skills group for young children diagnosed with autism	$10,000	Q4.L.D	Autism Partnership Foundation